

Safety Data Sheet
 1907/2006/EU (Annex II, article 31) – 453/2010/EU
LumiContrast – Sectional Matrices

POLYDENTIA SA
 Status 09.04.2015/AR
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1.1 Identification of the substance/preparation and of the company

Information on the product:

LumiContrast – Sectional Matrices
 (various types, forms and thicknesses)

Medical Device Class (according to 93/42/EEC):

I - Rule 5

Main use of the product:

As a help for dental fillings

1.2 Information on the manufacturer:

Polydentia SA
 Via Cantonale 47
 6805 Mezzovico-Vira (Switzerland)
 Phone: 0041 (0) 91 946 29 48
 Fax : 0041 (0) 91 946 32 03
 Email: info@polydentia.com

1.3 Information provided by:

Phone: +41 (0) 91 946 29 48

Emergence telephone: +41 (0) 91 946 29 48

2. Composition (Substance) – Stainless Steel

Substance	CAS-No.
Chrome	7440-47-3
Nickel	7440-02-0
Manganese	7439-96-5
Traces of Carbon, Phosphorus, Sulphur, Silicium and Molybdenum, Chromium Oxide	

3. Hazards identification

Physical and chemical hazards for people and environment: **none**
 The product is not classified as dangerous according to EU Directive

4. First aid measures

General information: No special measures necessary
 After inhalation: Material cannot be inhaled under normal conditions
 After contact with skin: No special measures required
 After contact with eyes: No special measures required
 After ingestion: No first aid necessary

5. Fire fighting measures

Suitable extinguishing media: not applicable
 Extinguishing media which must not be used for safety reasons: not applicable
 Special hazards caused by the material, its products of combustion or flue gases: not applicable
 Special protective equipment for fire fighting: not applicable
 Combustion products: not applicable

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6. Accidental release measures

Precautionary measures related to people: not applicable
 Environmental protective measures: not required
 Methods for cleaning up: mechanical

7. Handling and storage

Handling

Precautions for safe handling: No special protective measures required
 Precautions against fire and explosion: No special precautions are required

Storage

Conditions for storage rooms and vessels: None known
 Advice for storage of incompatible materials: Not applicable
 Further information for storage: Keep the pack tightly close

8. Exposure controls / Personal protection

Additional information about the technical concept of the product: None
 Exposure limited and controlled: Not applicable
 General protection and hygiene measures: None required
 Respiratory protection: Non required
 Eye protection: Not required
 Skin protection: Not required
 Soft oral tissue protection: Not required

9. Physical and chemical properties

Appearance: flexible bands of various forms, sizes and thicknesses
 Thickness: 0.025mm, 0.04mm
 Odour: odourless
 Colour: dark blue
 Ignition temperature: not applicable
 Flash point: not applicable
 Lower explosion limit: not applicable
 Upper explosion limit: not applicable
 Vapour pressure: not applicable
 Density: 8 g/cm³
 Water solubility: insoluble
 Liposolubility: not applicable
 pH-Value: not applicable
 Viscosity: not applicable

10. Stability and reactivity

Shelf life: not applicable
 Stability: Product is stable under normal handling and storage
 Conditions to avoid: storage near acids
 Materials to avoid: acidic solution
 Dangerous products of decomposition: not applicable



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11. Toxicological information

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12. Ecological information

Product not soluble and not hazardous for water. No expected damaging effects to aquatic organisms. Material not biodegradable on the basis of its structure. Bioaccumulation is not expected to occur.

13. Disposal consideration

Recycling of the metals

N.B. Respect any national or regional provisions which may be in force.

14. Transport information

Land ADR/RID: No hazardous material
Sea IMO/IMDG: No hazardous material
Air transport ICAO-II/IATA-DGR: No hazardous material

Customs Harmonized Tariff: 9018.4900

15. Regulatory information

None of the ingredients is listed
Mark as ECC-guideline / Not necessary to mark
National regulations / Classification as VFB / Not subordinated

Warning Label:
R sets: none
S sets: none

16. Other information

FOR PROFESSIONAL USE ONLY

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. The receiver of this product must take responsibility for observing existing laws and national regulations.

POLYDENTIA SA is not held liable for any damage resulting from handling or contact with above mentioned products.